

1787 Sentry Parkway West Building 18, Suite 120 Blue Bell, Pennsylvania 19422 PH 267.464.2800 FAX 267.401.1554 www.geosyntec.com

5 September 2013

Via Email and First Class Mail

Ms. Sharon Fang (3H521) Remedial Project Manager U.S. Environmental Protection Agency – Region III 1650 Arch Street Philadelphia, PA 19103

Subject: Monthly Progress Report No. 13

Operable Unit 2 North Penn Area 5 (NP5OU2) Superfund Site

Unilateral Administrative Order (UAO) Docket No. CERCLA-03-2012-0205DC

Dear Ms. Fang:

Please find enclosed three (3) copies of the written Monthly Progress Report that provides a summary of actions and activities undertaken pursuant to the above referenced UAO for NP5OU2 Superfund Site. If you have any questions, please do not hesitate to contact me.

Sincerely,

Derek W. Tomlinson, P.E.

Project Coordinator

Attachment: Monthly Progress Report

cc: Tim Cherry, PADEP (via email & 1 hardcopy first class mail)

M. Joel Bolstein, FoxRothschild (via email)

Chris Voci, Geosyntec (via email)

Michelle Mirigliano, Geosyntec (via email)

File – PH0013



1787 Sentry Parkway West Building 18, Suite 120 Blue Bell, Pennsylvania 19422 PH 267.464.2800 FAX 267.401.1554 www.geosyntec.com

MONTHLY PROGRESS REPORT

Operable Unit 2 North Penn Area 5 Superfund Site
USEPA Unilateral Administrative Order
Docket No. CERCLA 03-2012-0205DC

Monthly Progress Report No. 13
Reporting Period: August 2013
Report Date: 5 September 2013

This monthly progress report is submitted to U.S. Environmental Protection Agency (USEPA) and Pennsylvania Department of Environmental Protection (PADEP) pursuant to the Unilateral Administrative Order (UAO) Section VI, Paragraph 26 and documents activities that were completed at Operable Unit 2 North Penn Area 5 (NP5OU2) Superfund Site during the reporting period.

1) Work Plans, Plans and Other Deliverables

Submittals

o Supplemental Pre-Design Investigation (PDI) Work Plan dated 20 August 2013, and revised Figure 1 via email correspondence dated 28 August 2013.

• In Agency Review

o None.

• Comments or Approvals Received this Period

- o USEPA approved request for 90-day extension for Intermediate (60%) Design Submittal in letter dated 8 August 2013.
- USEPA approved Supplemental PDI Work Plan and revised Figure 1 in letter dated 29 August 2013.

• In Production

o Intermediate (60%) Design Submittal.

2) Actions Completed During Reporting Period to Achieve Compliance

 Submitted Supplemental PDI Work Plan on 20 August 2013, and revised Figure 1 on 28 August 2013.

3) Validated Data/Results and Tests Received and/or Generated

None.

4) Health & Safety Update

• None.

5) Quality Assurance

 Validation of PDI laboratory analytical results is complete and will be presented in the 60% Design Submittal.

NP5OU2 MPR

6) Concerns Encountered and Corrective Actions Taken

None.

7) Anticipated Near-Term Project Schedule

- Actions Scheduled for Next Reporting Period
 - o Completion of Supplemental PDI field activities to complete delineation of the OU2 overburden groundwater aquifer.
- Progress of Construction
 - o None.
- Unresolved Delays Anticipated, and Actions to be Taken
 - o None.
- Anticipated Modifications to Work Plans or Other Schedules
 - o Remedial Design Implementation Timeline has been modified to reflect the extension to the 60% Design Submittal granted by USEPA (see Figure 1 attached).

8) Upcoming Meetings and Conference Calls

• Tentatively propose a technical meeting on Thursday 7 November 2013.

FIGURE 1: Remedial Design Implementation Timeline North Penn Area 5 Superfund Site Operable Unit 2 ID Task Name 4th Quarter 1st Quarter 1st Quarter 1 Supervising Contractor / Project Coordinator Approved 0 days 10/1/12 10/1/12 2 Remedial Design Contractor Approved 0 days 10/15/12 10/15/12 3 Monthly Progress Reports 522 days 9/5/12 9/5/14 261 days 7/26/13 7/26/14 29 Annual Status of Work Reports 32 Remedial Design Work Plan (RDWP) 67 days 10/15/12 1/16/13 Prepare Draft RDWF 45 edays 10/15/12 11/29/12 Submit Draft RDWP 0 days 11/29/12 11/29/12 EPA Review 45 edays 11/29/12 1/13/13 Technical Meeting 0 days 1/16/13 1/16/13 EPA RDWP Approval 0 days 1/16/13 1/16/13 38 Preliminary (30%) Design Submittal 97 days 1/16/13 5/31/13 Prepare Draft Report 60 edays 1/16/13 3/17/13 Submit Draft Report 0 days 3/17/13 3/17/13 0 days 4/25/13 4/25/13 Technical Meeting 42 Access Agreement Meeting 0 days 5/9/13 5/9/13 EPA Review 60 edays 3/17/13 5/16/13 44 EPA 30% Design Approval 0 days 5/31/13 5/31/13 45 Pre-Design Investigation (PDI) activities 160 days 6/3/13 1/10/14 Overburden Groundwater Field Activities 60 days 6/3/13 8/23/13 Coordination / Access / Mobilization 5 days 6/3/13 6/7/13 Delineation field activities 15 days 6/10/13 6/28/13 2 days 6/24/13 6/25/13 Surveying locations Well Abandonment 1 day 6/26/13 6/26/13 51 Laboratory analytical results 20 days 7/1/13 52 Data validation 10 days 7/29/13 8/9/13 Data interpretation / reporting 15 days 8/5/13 8/23/13 54 Treatability Study Activities 155 days 6/10/13 1/10/14 6/10/13 6/21/13 Treatability study microcosm construction 10 days 6/24/13 7/5/13 Treatability study microcosm incubation 7/8/13 12/20/13 Treatability study sampling and analysis 6 mons 7/8/13 12/20/13 Treatability study interim results reporting (~30 days) 5 days 8/19/13 8/23/13 Treatability study final results reporting (~150 days) 15 days 12/23/13 1/10/14 Supplemental PDI Work Plan 7 days 8/20/13 8/29/13 Submit Supplemental PDI Work Plan 0 days 8/20/13 8/20/13 63 EPA Review 5 days 8/20/13 8/26/13 0 days 8/29/13 8/29/13 EPA Approval 65 70 days 8/20/13 11/25/13 10 days 8/20/13 9/2/13 Coordination / Access / Mobilization Delineation field activities 5 days 9/3/13 9/9/13 5 days 9/10/13 9/16/13 Surveying locations Laboratory analytical results 20 days 9/10/13 10/7/13 10/8/13 10/21/13 Data validation 10 days 25 days 10/22/13 11/25/13 72 Intermediate (60%) Design Submittal 171 days 5/31/13 1/26/14 *****------73 Prepare Draft Report 180 edays 5/31/13 11/27/13 Submit Draft Report 0 days 11/27/13 11/27/13 1/11 Technical Meeting 45 edays 11/27/13 1/11/14 EPA Review 60 edays 11/27/13 1/26/14 EPA Intermediate Design Approval 0 days 1/26/14 1/26/14 1/27/14 78 Performance well installation activities (Tentative) 90 days 5/30/14 Coordination / Access / Mobilization 10 days 1/27/14 2/7/14 1. The start/finish dates on this figure are provided for informational purposes only. The deadlines for the work required under the Remedial Design Work Plan (RDWP) that are enforceable as part of the schedule Well installation activities 60 days 2/10/14 5/2/14 required under the Unilateral Administrative Order (UAO) are those set forth in Paragraph 25(b) of the UAO, Packer testing / geophysical testing 50 days 2/24/14 5/2/14 as may be modified in writing by EPA under Paragraph 118 of the UAO. 0 days 5/2/14 5/2/14 Well construction technical meeting 2. edays within the duration is for elapsed days. The edays unit is used for USEPA deadlines based on exact number of calendar days rather than the days unit which is for business days. Well construction / completion 10 days 5/5/14 5/16/14 3. Overburden Groundwater Field Activities required additional time as OU2 overburden groundwater was Performance well installation summary report 5/12/14 15 days not delineated during the PDI work effort. Extension of submittal of the Intermediate (60%) Design submittal 85 Pre-Final (90%) Design Submittal 107 days 1/26/14 6/25/14 was granted by USEPA in letter dated 8 August 2013 to allow for the completion of Supplemental PDI field activities. Overburden groundwater delineation results from the PDI and Supplemental PDI field activities will be provided in the Intermediate (60%) Design submittal. Prepare Draft Report 90 edays 1/26/14 Submit Draft Report (include treatability study final results) 0 days 4/26/14 4/26/14 Technical Meeting 45 edays 4/26/14 6/10/14 EPA Review 60 edays 4/26/14 6/25/14 EPA Comments 6/25/14 6/25/14 0 days 91 Final (100%) Design Submitta 64 days 6/25/14 9/23/14 30 edays 6/25/14 7/25/14 7/25/14 7/25/14 Submit Final Report 0 days EPA Review 60 edays 7/25/14 9/23/14 0 days 9/23/14 9/23/14 EPA Final Design Approval Milestone Е Manual Task Deadline Project: 2012_1130_NP5OU2_Ge Project Summary Manual Summary Rollup = Date: 9/4/13 Duration-only Summary External Tasks Progress Page 1